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No. 45] NEW DELHI, SATURDAY, NOVEMBER 10, 1984 (KARTIKA 19, 1906)

इस भाग में चिन्ह पट्ट संख्या वी जाती है, जिससे कि यह भाग संख्या के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 10th November 1984

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APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE 214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-17

The dates shown in crescent brackets are the dates claimed
under Section 135, of the Act.

28th September, 1984

695[Cal]84. Rolf Muller. Data entering device, particularly for typewriters and terminals.

696[Cal]84. Motan Gesellschaft Mit Beschränkter Haftung. Apparatus for dispensing active substances.

697[Cal]84. Siemens Aktiengesellschaft. A direct current tight coupling.

698[Cal]84. Louis Anthony Grant. A demolition machine for breaking and removing slag from a soaking pit. [Divisional date 25th November, 1981.]

699[Cal]84. American Can Company. A multi-layer polymeric structure having improved barrier properties. [Addition to No. 387[Cal]81].

700[Cal]84. Kabushiki Kaisha Meidensha. Contact of vacuum Interrupter and manufacturing process therefor.

29th September, 1984

701[Cal]84. Toyama Chemical Co., Ltd. A novel process for producing a cephalosporin an intermediate for the cephalosporin and a process for producing the intermediate.

702[Cal]84. Rheinische Braunkohlenwerke Ag. Process for the Hydrogenation of calcium-bearing coal.

1st October, 1984

703[Cal]84. Securistyle Limited. Alarm system. (17th November 1983).

704[Cal]84. Formica Corporation. Decorative laminate having marresistant surface.

705[Cal]84. Unisearch Limited. Improved building material. (30th September 1983).

8th October, 1984

706[Cal]84. The Puraq Company. Absorption Refrigeration Process.

707[Cal]84. Beloit Corporation. Supercalender edge nip relieving.

708[Cal]84. Carrier Corporation. A variable speed drive motor system with inverter control.

9th October, 1984

709[Cal]84. McGraw-Edison Company. Time delay electric fuse.

710[Cal]84. McGraw-Edison Company. Electric Fuse.

APPLICATIONS FOR PATENT FILED AT THE PATENT
OFFICE BRANCH, MUNICIPAL MARKET BUILDING,
III RD FLOOR, KAROL BAGH, NEW DELHI-5

13th August, 1984

645[Del]84. Fabrique De Fer De Maubeuge. "Process of galvanizing for consecutively producing two different coatings on a metal band".

646[Del]84. Ingersoll-Rand Company. "A rotary positive displacement machine, of the helical-rotor type, and rotors therefor".

647[Del]84. Bharat Heavy Electricals Limited. "Improvements in or relating to high strength alumina procelain".

648[Del]84. Bharat Heavy Electricals Ltd., "Improvements in or relating to ceramics to metal seals".

649[Del]84. Bharat Heavy Electricals Limited, "Improvements in or relating to ceramics to metal seals".

650[Del]84. Council of Scientific and Industrial Research, "Improvements in or relating to the preparation of water borne self curing zinc silicate coatings".

651[Del]84. Council of Scientific and Industrial Research, "An improved coating composition for rusted surfaces for painting".

652[Del]84. Ajendra Kumar Mittal, "A mechanism for converting linear motion into circular motion and a cycle incorporating the mechanism".

14th August, 1984

653[Del]84. Pfizer Inc., "Process for transformation of yarrow lipolytic".

654[Del]84. Emhart Industries, Inc., "Take out mechanism for a glassware forming machine". (Convention date September 9, 1983).

655[Del]84. Glaverbel and Verlipack, "Method of and apparatus for monitoring the redox state of elements in glass". (Convention date September 1, 1983).

656[Del]84. Imperial Chemical Industries Plc. "Coating compositions". (Convention date August 30, 1983).

657[Del]84. Shri Ram Institute for Industrial Research, "A process for the treatment of cardboard".

16th August, 1984

658[Del]84. Asup Private Limited, "A process for the manufacture of polyurethane filaments".

659[Del]84. DLF Universal Limited, "A process for treating ordinary steel to high permeability electrical steel".

660[Del]84. Rohm GmbH, "X-ray contrast agents".

661[Del]84. Anderson Strathclyde Plc. "Circular heading machine". (Convention date August 20, 1983).

662[Del]84. Losinger AG., "Anchoring arrangement for freely oscillating steel tension elements of a dynamically stressed structural component".

663[Del]84. Centre Stephanois De Recherches Mecaniques Hydromecanique Et Frottement, "Topping-up charge intended to maintain the condition of molten salt baths for the treatment of metal articles".

664[Del]84. Council of Scientific and Industrial Research, "Improvement in or relating to the preparation of 3-methyl-but-2-ene-1-yl-acetate from a mixture of chlorides obtained by addition of hydrochloric acid gas to isoprene monomer".

17th August, 1984

665[Del]84. Norsk Hydro a. s., "Flexible container".

18th August, 1984

666[Del]84. Westinghouse Brake And Signal Company Ltd., "Vehicle brake system". (Convention date August 24, 1983).

667[Del]84. John Walter Rilett, "Working fluids". (Convention date August 18, 1983 & December 22, 1983).

21st August, 1984

668[Del]84. Otdelenie Vsesoluznogo Nauchno-Issledovatel'skogo Instituta Elektrotermicheskogo Obrudovaniya V Gorode Kharovye and Institut Teplo-I Massoobmena Imeni A. V. Lykova Akademii Nauk Belorusskoi SSR, "Power Capacitor Drying Method".

669|Del|84. Gist-Brocades N. V., "Process and Apparatus for Anaerobic Fermentation of Solid Wastes in Water in two phases".

670|Del|84. Uop Inc., "Use of Dual-function lift gas in An Fcc Reactor riser."

22nd August, 1984

671|Del|84. Silvatrim S.A.M. "Process for making articles of Glas Fibers reinforced resin".

23rd August, 1984

672|Del|84. Foster Wheeler energy limited, "Ammonia|Urea Plants". (Convention date September 19, 1983).

673|Del|84. Anderson Strathclyde Plc. "Improvements in or relating to mineral cutter tools." (Convention date September 2, 1983).

24th August, 1984

674|Del|84. Sven Runo Vilhelm Gebelius, "Pipe".

675|Del|84. Anil Agrawal, "Water level indicator with Low|High Level Alarm".

25th August, 1984

676|Del|84. Unisystems Private Limited, "A Pouch".

677|Del|84. The Director, Thapar Institute of Engineering & Technology, Raj Paul Garg, "A Respirometer".

678|Del|84. The Director, Thapar Institute of Engineering and Technology, and Raj Paul Garg, "A respirometer for Testing of Waste Water Samples".

27th August, 1984

679|Del|84. Embhart Industries, INC., "Apparatus for reading a line marking".

680|Del|84. Mechanical Technology, INC. "Externally excited resonant free piston stirling engine thermal amplifier system and method of operation and control thereof".

28th August, 1984

681|Del|84. Fixon Research and Engineering Company, "Improvement in the Copolymerisation of Unsaturated Esters". (Convention dated September 6, 1983).

682|Del|84. Duraplug Electricals Limited, "Electrical Connectors". (Convention dated September 5, 1983).

683|Del|84. Oil & Natural Gas Commission of Keshava Deva Malaviya Institute of Petroleum Exploration, and Indian Institute of Technology, Delhi, "A process for the preparation of modified Guar Gum".

684|Del|84. The Jay Engineering Works Ltd., "Regulators for Electric Ceiling Fans".

29th August, 1984

685|Del|84. Solvay & Cie, "Process for the preparation of an Aqueous solution of sodium Chloride and process for the manufacture of Sodium Bicarbonate".

686|Del|84. The Gillette Company, "Thermophotovoltaic Technology".

687|Del|84. SKF Nova, "Locking Nut".

30th August, 1984

688|Del|84. Bayer Aktiengesellschaft, "Sucker Roads".

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110 005

3rd September, 1984

689|Del|84. Metallizing Equipment Co. (Pvt.) Ltd., "Arcjet metal spraying gun".

690|Del|84. Standard Telephones and Cables Public Limited Company, "Optical fibre pulling tower". (Convention date September 3, 1983).

691|Del|84. Thambooswami Joseph David, "An electrical fuse".

692|Del|84. Modern Balance Works, "A single pan balance".

693|Del|84. Modern Balance Works, "A negative ion generator".

694|Del|84. Steel Authority of India Limited, "3 phase catenary system for cokeoven charging car busbars".

4th September, 1984

695|Del|84. Lignes Telegraphiques Et. Telephoniques-Ltt, "Method and device for filling cables with grease".

696|Del|84. Jacques Edouard Lamy, "Internal combustion piston engines intended in particular for motor vehicles".

5th September, 1984

697|Del|84. Interrox, "A process for the treatment of cellulosic materials with oxidising agents".

698|Del|84. Concentric pumps Limited, "Reversible unidirectional flow rotary pump". (Convention date September 8, 1983).

6th September, 1984

699|Del|84. Shell International Research Maatschappij B.V., "Olefin polymerization catalyst components and polymerization process".

700|Del|84. Paul Wurth S.A., "Device for determining the profile of the charging surface of a shaft furnace".

701|Del|84. Shri Ram Institute for Industrial Research, "A process for the preparation of a polyamide salt".

702|Del|84. Shri Ram Institute for Industrial Research, "An apparatus for batch polymerization of aqueous nylon salt".

703|Del|84. Shri Ram Institute for Industrial Research, "A process for the preparation of a high molecular weight polyamide".

704|Del|84. Cement Research Institute of India, "A modulator".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES,
THIRD FLOOR, SUN MILL COMPOUND, LOWER
PAREL WEST, BOMBAY-400 013

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

23rd August, 1984

233|Bom|84. V. Venkitachalam. Improvement in the process for up-grading and calcination of low grade/off grade kyanites to high grade calcined product.

25th August, 1984

234|Bom|84. Ravindra Baburao Marathe. Automatic Stepper Pulley System for use on ring spinning frame used in textile industry and/or any other engineering applications.

235|Bom|84. Shamal Babubhai Mistri. A Novel Anchoring Nut-Bolt.

27th August, 1984

236|Bom|84. Nandan Motilal Bhandari. A process of chemical treatment of lignocellulosic biomass to achieve faster drying upto low moisture content and easy pulverization.

237|Bom|84. Girdharilal Upadhyaya. A process for manufacturing a hypocholesterolemic and hypoglycemic better ground (KARELA) Powder.

238|Bom|84. Hoechst India Limited. Novel Anthracycline Compounds.

31st August, 1984

239|Bom|84. Karsan Ramjibhai Dholaria. A device to increase efficiency of foot valves.

240|Bom|84. W. Schlaefhorst & Co. Method and device for dosing and injecting a small quantity of liquid into the splicing air of a pneumatic yarn splicing device.

241|Bom|84. W. Schlaefhorst & Co. Pneumatic yarn splicing device.

242|Bom|84. W. Schlaefhorst & Co. Device for the dosage and injection of a small quantity of liquid into the splicing air of a pneumatic yarn splicing device.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002

17th September, 1984

707|Mas|84. A/S Haustrup Plastic. Container.

18th September, 1984

708|Mas|84. A. Gnanasekaran. Smooth surface finishing of cement and concrete jalis.

709|Mas|84. Nippon Kokan Kabushiki Kaisha. A screw joint coupling for oil pipes.

710|Mas|84. Herman J. Schellstede & James F. Young blood. Single pass mud rejuvenation system and method.

711|Mas|84. Metal Box p.l.c. Multi-layer plastics structures and apparatus and methods for their manufacture.

712|Mas|84. Minitronics Pty. Limited. Minimization of harmonic contents for mains operated solid state inverters driving gas discharge lamps.

(September 19, 1983).

19th September, 1984

713|Mas|84. Stauffer Chemical Company. Reduced odor herbicide granules.

714|Mas|84. Raychem Corporation. Cable joints and terminations.

715|Mas|84. Institut Francais Du Petrole & Compagnie Generale De Geophysique. Device for generating seismic impulses inside a drilling through the fall of a weight onto an anchored target element.

716|Mas|84. Linde Aktiengesellschaft. Claus residual gas cleanup using tetraethylene glycol dimethyl ether as SO₂ scrubbing agent.

717|Mas|84. G. Venkatachalam. Improvements in or relating to wet grinder.

20th September, 1984

718|Mas|84. Korr-McGee Chemical Corporation. Process of producing manganese sulfate solutions.

719|Mas|84. Korr-McGee Chemical Corporation. Method of producing manganese sulfate solutions of improved purity.

720|Mas|84. Korr-McGee Chemical Corporation. Improvements in the manufacture of manganous sulfate solutions.

21st September, 1984

721|Mas|84. R. Muthuramakrishnan. Hydrolic primover.

722|Mas|84. Widia (India) Limited. A method of manufacture of a mining tool and a mining tool manufactured thereby.

723|Mas|84. Davidson & Company Limited. Controlling seal systems in rotary regenerative air pre-heaters. (September 23, 1983).

724|Mas|84. Union Carbide Corporation. Novel fatty etheroid Acylaminocorgancilicon compounds and their use as a coupling agent.

725|Mas|84. Biomass Limited. Anaerobic fermenter. (September 21, 1983).

22nd September, 1984

726|Mas|84. Paszner Laszlo. Improved organosolv process for hydrolytic decomposition of lignocellulosic and starch materials.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 27-B.

154538.

Int. Cl. E04 b 1|00.

A METHOD OF CONSTRUCTION A MULTI-STORÉY BUILDING AND A MULTI-STORÉY BUILDING CONSTRUCTED BY THE METHOD.

Applicant & Inventor : LEONARD DAVID COLLINS, OF 28, WYCHELM ROAD, HORNCHURCH, ESSEX, ENGLAND.

Application No.1425|Cal|80 filed December 23, 1980.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A method of constructing a multi-storey building comprising the steps of laying a foundation for the external walls of the building, erecting a plurality of ground floor columns around the foundation, the ground floor columns being supported by the foundation and extending over substantially the height of the ground floor of the building, placing panels between the adjacent pairs of ground floor columns to form the external walls of the ground floor storey of the building, and constructing the higher storeys of the building successively one upon another, wherein each of the higher storeys is constructed by erecting a plurality of columns around the building, each of said columns being supported by a respective column of the storey immediately below and extending over substantially the height of that storey, by supporting a floor on the upper edges of the wall panels of the storey immediately below said floor being supported on the upper edges of said wall panels after said wall panels have been firmly clamped in position, and by placing panels between the adjacent pairs of said columns to form the external walls of that storey, the uppermost storey of the building being covered by a roof which is supported on the upper edges of the wall panels of that storey.

Compl. specn. 22 pages.

Drg. 4 sheets.

CLASS 120-B; 172-E

154539

Int. Cl. B 65 h 34/00.

A TRAVERSE CAM DRUM FOR A WINDING MACHINE THREAD TRAVERSING MECHANISM.

Applicant : MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Inventors : 1. RUEDI SCHNEEBERGER, 2. ANDREAS SCHWANDER.

Application No. 1|Cal|81 filed January 1, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A traverse cam drum for a winding machine thread traversing mechanism comprising said drum and a thread guide member having a slider portion which co-operates with an external groove in the drum so that the thread guide member is reciprocated longitudinally of the cam drum during rotation of the latter about its axis, said drum comprising a closable space within the drum adapted to contain a supply of lubricant in use, a passage communicating said space with said groove such that centrifugal force acting on lubricant in said space in use will tend to force it along said passage to the groove, characterised by a porous body in the passage to the groove, characterised by a porous body in the passage, the pores of the body providing through-flow channels which permit a limited flow of a given lubricant to pass through the passage to the groove at a given rotational speed of the drum.

Compl. specn. 15 page

Drg. 1 sheet.

CLASS : 108-A; 108-C1

154540

Int. Cl. C 21 c 5|28, 5|42.

A PROCESS OF REFINING A BATH OF METAL IN A CONVERTER ARRANGED FOR OXYGEN BLOWING FROM THE TOP AND A CONVERTER FOR PERFORMING THE PROCESS.

Applicants : INSTITUT DE RECHERCHES DE LA SIDERURGIE FRANCAISE IRSID, OF 185, RUE PRESIDENT ROOSEVELT, 78105 SAINT GERMAN-EN-LAYE, FRANCE, AND ARBED S.A., OF AVENUE DE LA LIBERTÉ, B. P. 1802 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Inventors : 1. GUY DENIER, 2. JEAN-CLAUDE GROSJAN, 3. CLAUDE BAULER, 4. FRANCOIS SCHLEIMER, 5. FERDINAND GOEDERT, 6. ROMAIN HENRION, 7. LUCIEN LORANG, 8. PAUL METZ.

Application No. 22|Cal|81 filed January 9, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A process of refining a bath of molten metal in a converter arranged for oxygen blowing from the top and in which stirring gas is injected through the bottom characterized in that a substantial part of the stirring gas is injected into the converter containing the molten metal at the periphery of the bottom of the converter in the immediate neighbourhood of the side wall of the latter.

Compl. specn. 21 pages.

Drg. 1 sheet.

CLASS 56-F

154541

Int. Cl. B 01 d 3|34.

A DISTILLATIVE METHOD OF SEPARATING A MIXTURE.

CONTAINING CARBON DIOXIDE AND A LIGHT HYDROCARBON.

Applicant : HELIX TECHNOLOGY CORPORATION, 266 SECOND AVENUE, WALTHAM, MASSACHUSETTS 02154, U.S.A.

Inventors : 1. ARTHUR SHERWOOD HOLMES, 2. JAMES Mc KEE RYAN.

Application No. 152|Cal|81 filed February 11, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A distillative method of separating a mixture containing carbon dioxide and a light hydrocarbon into a carbon dioxide rich fraction and a light hydrocarbon rich fraction said carbon dioxide and light hydrocarbon being liable to form an azeotrope therebetween, characterised in that an additional component is added to the mixture under distillation to prevent formation of an azeotrope between the carbon dioxide and light hydrocarbon.

Compl. specn. 22 pages.

Drgs. 4 sheets.

CLASS 48-D

154542

Int. Cl. H 02 g 15|08.

RUBBER AND PLASTIC COVERED CABLE CROSS-LINKING DEVICE.

Application : SUMIOMO ELECTRIC INDUSTRIES, LTD., OF NO. 15, KITAHAMAMA 5-CHOME, HIGASHI-KU, OSAKA-SHI, OSAKA, JAPAN.

Inventor : 1. KANJI OTANI.

Application No. 116|Cal|81 filed February 2, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A rubber and plastic covered cable cross-linking device having a cross-linking tube comprising : a radiation heating section; a gas cooling section; and a liquid cooling section, said liquid cooling section being provided in a sealing section disposed at the downstream end of said cross-linking tube.

Compl. specn. 6 pages.

Drgs. 1 sheet.

CLASS 72B

154543

Int. Cl. C 06 b 19|06.

METHOD OF STABILIZING THE THICKENED OR GELLED STRUCTURE OF A WATER BEARING EXPLOSIVE AND WATER BEARING EXPLOSIVES SO PREPARED.

Applicant : E.I.DU PONT DE NEMOURS AND COMPANY, UNITED STATES OF AMERICA, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : 1. LIONEL SAMUEL SANDELL.

Application No. 247/Cal/81 filed March 7, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

A method of stabilizing the thickened or gelled structure of a water-bearing explosive comprising oxidizer, fuel, and sensitizer components in a thickened or gelled continuous aqueous phase, said method comprising incorporating in the explosive a stabilizing amount of iodide ion, iodate ion, or a combination of iodide and iodate ions obtained from hydriodic acid, iodic acid or an iodide or iodate salt selected from alkali, alkaline earth, ammonium or alkyl-substituted ammonium iodides or iodates.

Compl. specn. 32 pages.

Drgs. nil.

CLASS 98E, G

154544

Int. Cl. F 28 f 3|00.

PLATE FLOOR HEAT-EXCHANGER.

Applicant : ORSZAGOS KOOAJ ES GAZIPARI TRÓSZT, OF BUDAFOKI UT 61-63, 1111 BUDAPEST, HUNGARY, A CORPORATION ORGANISED UNDER THE LAWS OF HUNGARY.

Inventors : 1. DR. SANDOR KREKACS. 2. DR. ZOLTÁN PALFI.

Application No. 423/Cal/81 filed April 22, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A plate floor heat-exchanger which has at least two plate floors of optional cross section and shape, which in at least one range of their surface are separated by a space, and having at least one closed profile channel traversing the above floors, and amongst the plate floors a spacer element wherein said spacer element consists of such a spacer band, [2] having variable width and is preferably the greatest in the neighbourhood of the closed channel 3].

Compl. specn. 16 pages.

Drgs. 3 sheets.

CLASS 85J

154545

Int. Cl. F 23 j 1|00.

A STRUCTURE FOR THE COLLECTION AND DISPOSAL OF ASH DISCHARGED FROM FURNACES SUCH AS IN STEAM GENERATORS.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : 1. STORM D. ROBINSON. 2. DOUGLAS M. RODE.

Application No. 444/Cal/81 filed April 27, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A structure for collection and disposal of ash from the products of combustion discharged from furnaces such as in a steam generator including,

a body of liquid with its upper surface arranged in the back-pass to receive the solid particulate matter entrained in combustion gases flowing through the back-pass,

a series of surfaces in the body of liquid and beneath the body surface upon which the solid particulate matter gravitates.

nozzle mounted above the plate surfaces in the body of liquid to direct pressurized liquid across the plate surfaces to force the solid particulate matter aggressively along the plate surfaces to a predetermined position within the body of liquid,

a source of liquid under pressure connected to the nozzles, and a conduit whose open end is arranged at the position in the body of liquid for receiving the solid particulate matter forced to the position for conveying the matter to the point of ultimate disposal.

Compl. specn. 10 pages.

Drgs. 3 sheets.

CLASS 2A,

154546

Int. Cl. A 47 f 5|02, 7|08.

A FOOTWEAR MERCHANDISING OR DISPLAY RACK FIXTURE.

Applicant : WINSOME TRADING COMPANY, OF 28|1, SHAKESPEARE SARANI, 1ST FLOOR, CALCUTTA-700017, STATE OF WEST BENGAL, INDIA.

Inventor : 1. SMT. PUSHPA BEGRODIA.

Application No. 281/Cal/81 filed March 13, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A footwear merchandising or display rack fixture comprising, a support structure, an elongated display rack member, means for rotatably supporting said display rack member in spaced relation with respect to and above said support structure for rotation about its longitudinal axis, a circular try-on base member, means for rotatably supporting said try-on base members between said support structure and said display rack member for rotation about a central axis common with the rotational axis of said display rack member, a plurality of shoes of various sizes fixed in circularly-spaced relation upon said try-on base member for customer try-on to determine size, said display rack member comprising a plurality of side panels, and means adapted to support pairs of shoes of the type and sizes of said plurality of shoes against each of said side panels, said support structure comprising a pedestal member, said try-on base member being of conical shape and disposed in an enclosing relationship on said support structure pedestal member, the peripheral edge of said try-on base member including antifriction means for free movement over a fixed flat surface.

Compl. specn. 13 pages.

Drgs. 2 sheets.

CLASS 11C

154547

Int. Cl. A 01 k 11|00.

ONE-PIECE IDENTIFICATION TAGS.

Applicant : ALLFLEX INTERNATIONAL LIMITED (FORMERLY KNOWN AS DELTA PLASTICS LTD), OF 931 TREMAINE AVENUE, PALMERSTON NORTH, NEW ZEALAND.

Inventor : 1. CHARLES GERARDUS RIGGERS.

Application No. 1129/Cal/81 filed October 15, 1981.

Convention date 17th October 1980 (195287) New Zealand.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A one-piece identification tag formed from a flexible material comprising a panel, a neck portion extending from said panel, said neck portion terminating in a head portion having a pair of flap portions projecting therefrom toward said panel one either side of said neck portion.

Compl. specn. 11 pages.

Drgs. 2 sheets.

CLASS : 110	154548	CLASS : 27I, N	154550
Int. Cl. D04b 7 08.		Int. Cl. E 04b 1 347; A45f 1 06.	
IMPROVEMENTS IN OR RELATING TO A HAND KNITTING MACHINE.			
Applicant : INDUSTRIAL & ALLIED SALES (PVT. LIMITED, 19, KASTURBA GANDHI MARG, NEW DELHI-110 001, INDIA, AN INDIAN COMPANY.			
Inventors : KULBHUSHAN WAHI & ISHWAR DASS MANCHANDA.			
Application for Patent No. 566 Del 80 filed on 5th August, 1980.			
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-5.			
4 Claims			
An improved hand knitting machine comprising bed pattern selector and carriage assemblies wherein the bed assembly, knitting needles are arranged to move in forward and backward direction in perforated equi-distant longitudinal slots; the said needles being elastically pressed downwards in their front by means such as a strip of resilient material and supported in their centre by means such as a needle retaining spring; the said needles having cam type butts enabling them to drop down at the knitting position on being horizontally pushed in a single stroke by selected raised cam plates in the pattern selector assembly, and get picked up by the carriage during the knitting operation; the said machine being provided with a plurality of yarn feeders in the carriage assembly enabling multi-colour simultaneous knitting and having a variety of cams including stich cam for increasing the path of the needle, switch cam for guiding the needles, tuck and multi-colour cams for holding the needles in positions to enable multi-colour simultaneous knitting.			
Compl. specn. 9 pages.	Drg. 2 sheets.	Compl. Specn. 19 pages.	Drg. 6 sheets.
CLASS : 172A, B	154549	CLASS : 40 B	154551
Int. Cl. D 01d 9 00.		Int. Cl. B 01j 11 00.	
A TRAVERSE DRUM FOR GUIDING YARN.			
Applicant : NATVERLAL PURSHOTAMDAS KINARIWALA OF 1-10 LAJPAT NAGAR-III, NEW DELHI-110024, INDIA, AN INDIAN NATIONAL.			
Inventor : NATVERLAL PURSHOTAMDAS KINARIWALA.			
Application for Patent No. 569 Del 80 filed on 5th August, 1980.			
Complete Specification left on 25th September, 1981.			
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-5.			
3 Claims			
A traverse drum for guiding yarn comprising a roll having helical grooves in which the yarn is guided, a central bore extending longitudinally through said roll, said grooves having apex locations in the proximity of either end of said roll and cross over locations provided therebetween characterized in that at least one groove entry means is provided in the proximity of one of said cross over locations, said groove entry means being a cut away portion formed at one of the walls of the groove and extending downwardly towards the base of said groove such as to provide a passage for the entry of a cutting tool.			
Provisional Specn. 7 pages.		Compl. Specn. 19 pages.	Drg. 1 sheet.
Compl. Specn. 10 pages.	Drg. 1 sheet.	CLASS : 44, 206G, 126A	154552
		Int. Cl. G04f 11 06, 5 00; G04d 7 12.	
A DEVICE FOR DETERMINING THE TIME KEEPING ACCURACY OF WATCHES.			
Applicant : YASHAWANT DITTATRAY ALTEKAR, AN INDIAN NATIONAL OF 2/15, SHANTINI KETAN, NEW DELHI-110021, INDIA.			
Inventor : YASHAWANT DITTATRAY ALTEKAR.			
Application for Patent No. 586 Del 80 filed on 12th August, 1980.			
Appropriate office for opposition proceedings (Rule 4 Patents Rule, 1972) Patent Office Branch, New Delhi-110005.			

8 Claims

A device for determining the time keeping accuracy of watches having a mechanical timing arrangement comprising a counter having a preset count of pulses and having digital display connected to its output, a generator connected to the input of said counter, said generator being capable of supplying a train of pulses equal to said preset count to said counter, a transducer adapted to pick up the tick noise signals of a watch under test, said transducer being connected to a pulse shaper, said pulse shaper being connected to said counter so that the output pulses from said pulse shaper resets the counter, the read out display providing a count consisting of the difference between the preset count of said counter and the number of pulses applied from the generator to said counter between two successive reset pulses.

Compl. Specn. 12 pages.

Drg. 1 sheet.

CLASS : 181, 98G

154553

Int. Cl. F16L 21/00.

A GASKETTED HEAT TRANSFER PLATE AND METHOD OF MANUFACTURING THE SAME.

Applicant : THE A.P.V. COMPANY LIMITED, OF MANOR ROYAL, CRAWLEY, SUSSEX, ENGLAND, A BRITISH COMPANY.

Inventor : MICHAEL PETER BOND.

Application for Patent No. 591/Del/80 filed on 12th August, 1980.

Convention application date 13th August, 1979 [7928135] (U.K.) & 10th January, 1980 [8000909] (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A gasketed heat transfer plate comprising a pressed gasket recess at least partially filled with a plastics material which adheres to the plate metal and which has an accurate recess for receiving a preformed seal.

Compl. Specn. 8 pages.

Drg. 2 sheets.

CLASS : 32F2(b), 55E4

154554

Int. Cl. C07d 31/00, 57/00.

A PROCESS FOR THE PREPARATION OF PYRIDINES AND PYRIMIDINES.

Applicant : PFIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

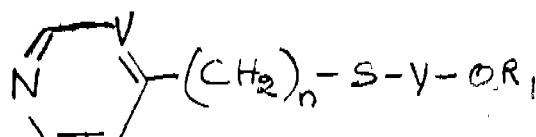
Inventors : JOSEPH GEORGE LOMBARDINO, CHARLES ARMON HARBERT.

Application for Patent No. 597/Del/80 filed on 16th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of a compound of the formula I.

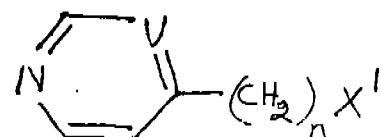


Formula I

wherein V is N or C-H; n is 1 or 2; Y is o-phenylene, propylene, ethylene (unsubstituted or substituted with up to 2

methyl groups and up to 1 phenyl group), -CH2-CH2-, or CH2OH radical of formula 1, wherein X is nitronor methoxy; and R1 is hydrogen, methyl, (C2-C6)-alkanoyl or benzoyl; with the proviso that when Y is -CH2-CH2-, R1 is hydrogen;

and when R1 is methyl, Y is other than propylene which comprises reacting a compound of the formula V.



Formula V

wherein V and n are as defined above X' is either SH or halide with substantially one equivalent of a compound of the formula X'—Y—OR, wherein X' has the same meaning X' and Y and R1 have the meanings given above with the proviso that when X' is halide X' is SH and vice versa in a reaction inert solvent such as herein described at a temperature of 0—120°C., optionally in the presence of a basic catalyst such as herein described until the reaction is substantially complete.

Compl. Specn. 54 pages.

Drgs 10 sheets.

CLASS : 85J

154555

Int. Cl. F22d 1/00.

RADIATION BOILER.

Applicant : RUHRCHEMIE AKTIENGESELLSCHAFT, OF BRUCHSTRASSE 219, OBFRHAUSEN 13, FEDERAL REPUBLIC OF GERMANY, A COMPANY INCORPORATED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : JOSEF HIBBEL, BERNARD SCHLEPER AND HEINRICH SCHEVE.

Application for Patent No. 600/Del/80 filed on 19th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A radiation boiler for cooling a gas stream containing solid and/or molten particles, comprising : two or more concentric cylindrical heat exchanger elements, an annular space being defined between facing surfaces of each two adjacent heat exchanger elements; an inlet for the gas at the top of the boiler; a water-bath in the lower part of the boiler; a conical impact member centrally arranged above the water bath, the impact member also being a heat exchanger element; a slag crusher connected to the impact member; a path for the gas being defined extending downwardly through the innermost heat exchanger element, upwardly through the annular space between the innermost heat exchanger element and the adjacent heat exchanger element and then alternately downwardly and upwardly through any further annular gaps between the last-mentioned heat exchanger element and any further cylindrical heat exchanger elements; first nozzle means for cleaning the heat exchanger elements with gas under elevated pressure; and second nozzle means for cleaning the conical impact member with water.

Compl. Specn. 12 pages.

Drg. 1 sheet

CLASS : 48A1

154556

Int. Cl. B29h 9/00.

PROCESS FOR THE MANUFACTURE OF INSULAT-OF GERMANY, A COMPANY ORGANISED AND THERMOPLASTICS.

Applicant : DR. BECK & CO. AG., OF 2000 HAMBURG 28, GROSSMANNSTRASSE 105, FEDERAL REPUBLIC OF GERMANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : HARALD JANSSEN, EBERHARD KERTSCHER, HANS-GEORG MAITHIES, RAINER THEYSOHN.

Application for Patent No. 601|Del|80 filed on 19th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

In a process for the manufacture of lacquerinsulated winding wires through extrusion of part crystalline thermoplastic polycondensates with crystalline melting points above 170°C, preferably above 250°C, the improvement comprising using 5-15% by weight of titanium dioxide filled polyethylene terephthalate.

Complete specification 12 pages.

CLASS : 32 F 2(b) & 55E₂.

154557

Int. Cl. C07d 99/16.

A PROCESS FOR THE PREPARATION OF A PENAM 1, 1-DIOXIDE.

Applicant : PFIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 235 EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

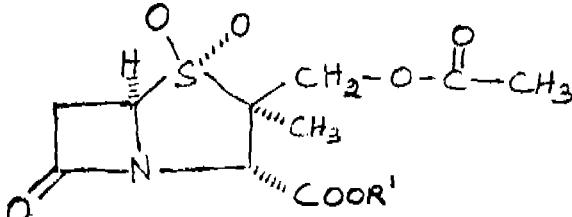
Inventor : WAYNE EARNEST BARTH.

Application for Patent No. 607|Del|80 filed on 20th August, 1980.

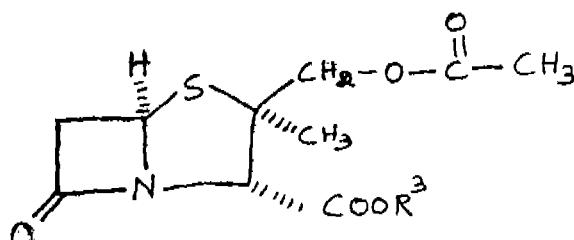
Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

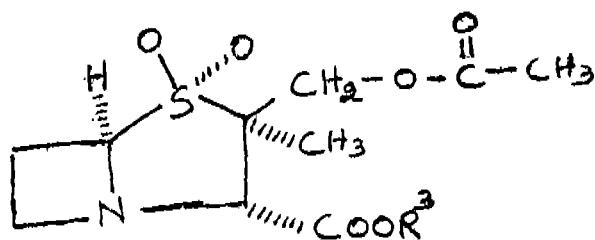
A process for the preparation of a penam 1, 1-dioxide compound of the formula I



or a pharmaceutically-acceptable basic salt thereof, wherein R¹ is hydrogen or an ester-forming residue readily hydrolyzable *in vivo*, characterized in that a compound of the formula III,



or a basic salt thereof, wherein R¹ is hydrogen, an ester-forming residue readily hydrolyzable *in vivo*, or a conventional penicillin carboxy protecting group, is reacted with an oxidizing agent such as herein described until oxidation to a compound of the formula II A,



or salt thereof, wherein R¹ is as defined above, is substantially complete, and, if necessary, removing the carboxy protecting group, and, if desired, forming a pharmaceutically-acceptable salt of a compound of formula I wherein R¹ is hydrogen, by reaction with a base.

Comp. Specn. 39 pages.

Drg. 1 sheet.

CLASS : 40F, I

154558

Int. Cl. B01j 1/00.

HOUSING FOR A DEVICE FOR ANALYSING GASES OR LIQUIDS.

Applicant : HARTMANN & BRAUN AKTIENGESELLSCHAFT, OF GRAFSTRASSE 97, 6000 FRANKFURT MAIN, FEDERAL REPUBLIC OF GERMANY, A GERMAN BODY CORPORATE.

Inventors : JOACHIM STAAB, WILLY APEL AND HEINZ WOLF.

Application for Patent No. 609|Del|80 filed on 21st August, 1980.

Convention date 27th February, 1980|80-06668 (G.B.).

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A housing for a device for analysing gases or liquids composed of an analyser, a pre-amplifier for the measured signal from said analyser, apparatus for the supply of electrical current and apparatus for processing the measured signal value, said housing comprising two box-shaped chambers detachably located one above the other and being provided with detachable mechanical and/or electrical connections for said device, the analyser and pre-amplifier being housed within the first chamber and mounted upon a horizontally retractable support member located therein and the electrical apparatus and the apparatus for processing the measured signal value being housed within the second chamber, each chamber being provided with a closable door adapted to engage its respective chamber in seal-tight relationship, the door of said first chamber being hinged along its lower edge to a retractable support member whereby said door is adapted to pivot from a position in sealing engagement with said first chamber to a substantially horizontal position in which said support member and said analyser and pre-amplifier mounted thereon are extending out of said first chamber, the door of said second chamber being hinged along a vertical edge whereby it is adapted to pivot from a position in sealing engagement with said chamber outwardly therefrom thereby exposing said apparatus for processing the measured signal value, said processing apparatus being provided in the form of a cassette pivotally mounted within said second chamber and adapted to be rotated about a vertical axis so that it swings outside of said second chamber thereby rendering the rear of said cassette accessible without having to disconnect the electrical connections.

Compl. Specn. 11 pages.

Drg. 2 sheets.

CLASS : 32F 2(a)

154559

Int. Cl. C07c 169/26.

PROCESS FOR THE PREPARATION OF NEW AMINO-14 STEROID DERIVATIVES.

Applicant : ETABLISSEMENTS NATIVELLE, OF 27 RUE DE LA PROCESSION, 75015, PARIS, FRANCE, A FRENCH COMPANY.

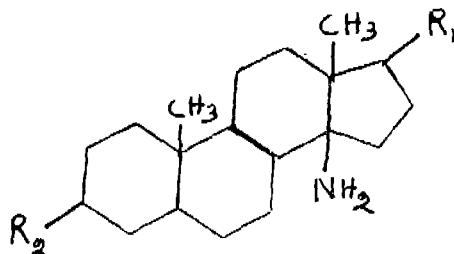
Inventors : FRANCOIS-XAVIER JARREAU, AND JEAN-JACQUES KOENIG.

Application for Patent No. 610|Del|80 filed on 21st August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

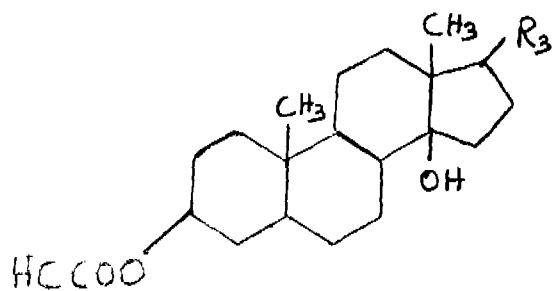
6 Claims

A process for the preparation of amino-14 steroid derivatives of the general formula (I)



Formula I

wherein R₁ is a hydrogen atom or a hydroxy, hydroxyalkyl, alkoxy, acyloxy, carboxy or carbalkoxy group and R₂ is a hydroxy, alkoxy, acyloxy or amino group comprising treating an alcohol of the general formula (II)



Formula II

wherein R₃ is a carbalkoxy or acyloxy group, or a hydrogen atom, with hydrazoic acid in the presence of boron trifluoride etherate, to form the corresponding azido-14 steroid, and reducing in a manner known per se the azido-14 steroid to form the amino-14 steroid of the general formula (I).

Compl. Specn. 15 pages.

Drg. 1 sheet.

CLASS : 32 F2a, b

154560

Int. Cl. C07d 7/00

A PROCESS FOR PREPARING KANAMYCIN TAN-NATE.

Applicant : PANTHOX & BURCK ISTITUTO BIOCHIMICO ITALO-SVIZZERO S.p.A., OF VIA BELDILETTO, 1-20100 MILAN, ITALY, AN ITALIAN COMPANY.

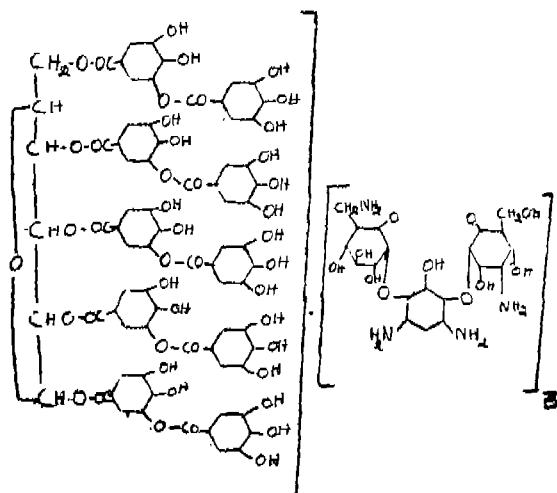
Inventor : WALTER PANTANO.

Application for Patent No. 613|Del|80 filed on 22nd August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A process for preparing a kanamycin tannate having an empirical formula C₂₀₆H₂₁₂O₁₂₅N₁₂ and the structural Formula i



Formula I

characterized in that a tannic acid distilled water solution is set to an alkaline pH of from 7 to 12 by means of an alkaline hydrate, selected from sodium, potassium and ammonium hydrate, it is then reacted with an aqueous solution of kanamycin sulfate in a 2 : 3 stoichiometric ratio, at the atmospheric pressure and room temperature, continuously stirring for about 1 hour, so obtaining a slurry of a kanamycin tannate precipitate; the latter is then diluted with distilled water and stirred for about one hour more; the so obtained precipitate of kanamycin tannate is vacuum filtered off, washed with distilled water and with ethyl ether respectively, and dried in a vacuum oven at a temperature below 40°C so that the kanamycin tannate thus obtained is formed of three molecules of kanamycin bounded to two molecules of tannic acid.

Compl. Specn. 8 pages

Drg. 1 sheet.

CLASS : 70C.

154561

Int. Class : C23b 5/00.

AN IMPROVED PROCESS FOR THE PRODUCTION OF PLATED METAL SUBSTRATES FOR THE USE AS FLAT-PLATE COLLECTOR FOR SOLAR ENERGY APPLICATIONS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFTI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXT OF 1860).

Inventors : BALKUNIE ANANTHA SHENOI, SURBIAH JOHN, NANDAGOPAL VARADAPPA SHANMUGHAM, KAMANDUR NARAYANA SRINIVASAN & MARIAPAN SELVAM.

Application for Patent No. 623|Del|80 filed on 28th August, 1980.

Complete specification left on 9th November, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

5 Claims

An improved process for the production by electrodeposition of black nickel plated metal substrates for use as flat plate collectors for solar energy applications comprising the steps of degreasing, electrocleaning, acid dipping and black nickel plating the substrate and rinsing the same characterised in that the step of black nickel plating is carried out in an electrolytic bath consisting of (a) 40-120 g/l of nickel salt as chloride or sulphate, (b) 20-40 g/l

of zinc salt as sulphate or chloride, (c) 15-40 g/l of sodium, potassium or ammonium thiocyanate or ammonium molybdate, (d) 15-25 g/l of a buffering agent like boric acid, sodium acetate or ammonium chloride or sulphate and (e) 0.1 to 1.0 g/l of the organic addition salt|agent containing hydroxyl or sulphur groups : at a pH of 4.5 to 6.0 at temperature of 20-45°C at current densities between 1 to 5 A/dm² for periods of 30-300 seconds.

Provisional specification 6 pages.

Complete specification 9 pages.

CLASS : 107 C. G

154562

Int. Cl. F02b 77/08.

DEVICE FOR DETECTING SOLID OR LIQUID IMPURITIES IN A PRESSURISED FLUID.

Applicant : TELEDYNE INDUSTRIES, INC., OF 1901 AVENUE OF THE STARS, LOS ANGELES, CALIFORNIA, UNITED STATES OF AMERICA, A CALIFORNIA CORPORATION.

Inventors : WALTER PREDRICK ISLEY AND JOSEPH LEVI DODD.

Application for Patent No. 630|Del|80 filed on 28th August, 1980.

Addition to Application for Patent No. 955|Del|78 filed on 26th December, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

A device for the detection of solid or liquid impurities in a pressurised fluid which comprises :

a housing composed of a first part and a second part adapted to engage with each other;

a fluid pump having a high pressure outlet and a low pressure inlet located within the first part of said housing;

a fluid passageway provided in said housing and connected from said high pressure outlet to said low pressure inlet of said pump, said fluid passageway extending from the first part of said housing into the second part of said housing so that said passageway transects engaging surfaces of said first and second housing parts;

a coil of elongated filter strip provided within a recess in one of said housing parts, a portion of said strip extending transversely across said transecting fluid passageway to constitute a filter element, a free end of said strip being accessible outside said housing; and

pressure sensing means provided on either side of said filter element and in communication with said fluid passageway for sensing the pressure differential across said filter element.

Complete Specn. 15 pages.

Drg. 1 sheet.

CLASS : 35B

154563

Int. Cl. C04b 7/02.

A CEMENT COMPOSITION AND A METHOD OF MANUFACTURING THE SAME.

Applicant : KRISHAN KUMAR GUPTA, OF P.O. BOX 968, SAN MATEL, CALIFORNIA 94403, UNITED STATES OF AMERICA, U.S. CITIZEN.

Inventor : KRISHAN KUMAR GUPTA.

Application for Patent No. 630|Del|80 filed on 28th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A cement composition which comprises ash from waste material described herein and cement, such as Portland cement or cement clinker.

Complete Specification 5 pages.

CLASS : 192

154564

Int. Cl. A45b 7/00.

A COLLAPSIBLE ELONGATE MEMBER.

Applicant : JOHNSON SAMUEL, AN INDIAN NATIONAL OF 599, DR. MUKERJI NAGAR, DELHI-110009, INDIA.

Inventor : JOHNSON SAMUEL.

Application for Patent No. 626|Del|80 filed on 28th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An elongate collapsible member such as a walking stick preferably a stick comprising a plurality of tubular members, the distal end of all of the tubular members other than the rearward member being tapered so as to receive the proximal end of the adjacent tubular member, a handle provided with the foremost tubular member, an actuator secured to the said handle, a cord or wire extending through said tubular members and secured at one end to the actuator and at the opposite end to the rearward tubular member.

Complete Specn. 10 pages.

Drg. 3 sheets.

CLASS : 128H

154565

Int. Cl. A61m 37/00.

AN INTRAUTERINE CONTRACEPTIVE DEVICE.

Applicant : RUSTOM PHIROZE SOONAWALA, OF I-10, LAJPAT NAGAR I, NEW DELHI-110 024, INDIA, AN INDIAN NATIONAL.

Inventor : RUSTOM PHIROZE SOONAWALA.

Application for Patent No. 628|Del|80 filed on 28th August, 1980.

Complete Specification left on 8th September, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An intrauterine contraceptive device comprising a V or Y shaped member of an inert synthetic plastic material having a fine wire of bioactive copper wound closely around each limb of the member and strong fine thread secured at one end to the vertex or the tail of the said member.

Provisional Specn. 5 pages.

Complete Specn. 7 pages.

Drg. 1 sheet.

CLASS : 87H, 21B

154566

Int. Cl. A43b 5/04

AN OVERSHOE HARNESS FOR RECEIVING THE SHOD FOOT OF A SKIER, SKATER OR LIKE SPORTS ENTHUSIAST.

Applicant : JEAN ROGER BATAILLE AND NICOLE JEANNE JULIETTE BATAILLE, BOTH FRENCH CITIZENS AND OF 20 RUE DU COMMANDANT, RENE MOUCHOTTE, PARIS, FRANCE.

Inventor : JEAN ROGER BATAILLE AND NICOLE JEANNE JULIETTE BATAILLE.

Application for Patent No. 635|Del|80 filed on 1st September, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

16 Claims

An overshoe harness for receiving the shod foot of a skier, skater or like sports enthusiast, which comprises a sole having on its under surface a plurality of grooves located transverse of the longitudinal axis of the sole, the perimeter of the sole being provided with raised edges to enclose the user's foot and maintain it snugly therein, a pair of stirrups each stirrup passing under the sole within one of said transverse grooves, one stirrup being provided at or near the front of said sole and the other stirrup being provided at or near the rear of said sole, each of said stirrups being adapted to cooperate with front and rear support means respectively located on either side of the user's ankle, the engagement of said stirrups with said support means maintaining the user's foot secure within said overshoe harness.

Complete Specn. 12 pages.

Drg. 2 sheets.

CLASS : 190D

154567

Int. Cl. F03b 3|00.

HYDRO TURBINE.

Applicant : THE NATIONAL ENGINEERING RESEARCH AND DEVELOPMENT CENTRE OF SRI LANKA, OF IDB INDUSTRIAL ESTATE, BLOCK NO. 2P|17B, EKALA, JAELA, SRI LANKA, A STATUTORY BODY ORGANISED AND EXISTING UNDER THE MINISTRY OF INDUSTRIES AND SCIENTIFIC AFFAIRS OF THE GOVERNMENT OF SRI LANKA.

Inventors : ARUMADURA NANDASENA SILVA KULASINGHE, MADAPPULI ARACHCHIGE, RANATUNGE VIJAYASIRI FERNANDO, DON LAL PLACIDUS BOPERACHY.

Application for Patent No. 642|Del|80 filed on 4th September, 1980.

Convn. date 31st July, 1980|9048 (Sri Lanka).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A hydro turbine of the type as hereinbefore described, characterised in that the turbine rotor is rotatably mounted by means of end plates supported as overhang support at one or both ends of said turbine, the drive shaft of said rotor being connected centrally to one of said end plates externally of the turbine thereby providing said overhang support to said rotor.

Complete Specn. 12 pages.

Drg. 2 sheets.

CLASS : 129 G

154568

Int. Cl. B23d 23|00.

APPARATUS FOR DISPENSING FASTENERS.

Applicant : DENNISON MANUFACTURING COMPANY, A CORPORATION OF NEVADA, WITH A PRINCIPAL PLACE OF BUSINESS AT 300 HOWARD STREET, FRAMINGHAM, MASSACHUSETTS, 01701, UNITED STATES OF AMERICA.

Inventor : DONALD LUCEAN BOURQUE.

Application for Patent No. 646|Del|80 filed on 6th September, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

Apparatus for dispensing fasteners, each having a flexible filament terminating in an end bar, comprising a casing, a dispensing needle mounted on said casing and having a longitudinal bore for slidably accommodating said end bar and a slot communicating with said bore for accompanying filament, means for advancing a fastener from a first posi-

tion remote from said needle to a second position adjacent the rear end thereof with the end bar disposed at an angle to the longitudinal axis of the bore, means for aligning the end bar with the bore, means for dispensing the end bar through the bore, and means for controlling the stroke of the dispensing means to prevent premature operation thereof.

Complete Specn. 17 pages.

Drg. 5 sheets.

CLASS : 32E

154569

Int. Cl. C08f 13|00.

METHOD OF POLYMERIZING 2-PYRROLIDONE.

Applicant : ARTHUR CONARD BARNES AND CARL EDMUND BARNES, BOTH OF 482 TRINITY PASS ROAD, NEW CANAAN, CONNECTICUT 06840, U.S.A., BOTH U.S. CITIZENS.

Inventors : ARTHUR CONARD BARNES AND CARL EDMUND BARNES.

Application for Patent No. 647|Del|80 filed on 8th September, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

The method of polymerizing 2-pyrrolidone comprising contacting a substantially anhydrous mixture of monomeric 2-pyrrolidone, a catalyst embodying an alkali metal salt of 2-pyrrolidone the alkali metal being selected from the group consisting of rubidium and cesium, with an activator consisting of sulfur dioxide at a temperature of from 20 to 60°C. whereby a white polymer of 2-pyrrolidone is formed having thermal characteristics suitable for melt extrusion.

Complete Specn. 8 pages.

154570

CLASS : 70G

Int. Cl. C23b 7|04.

AN IMPROVED PROCESS FOR STAIN PROOFING OF ELECTROFORMED COPPER FOILS FOR PRINTED CIRCUIT APPLICATIONS.

Application : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : BALKUNJE ANANTHA SHENOI, SUBBIAH JOHN, NANDAGOPAL VARADAPPA SHANMUGHAM, KUMANDUR NARAYANA SRINIVASAN & MARIAPPAN SELVAM.

Application for Patent No. 671|Del|80 filed on 12th September, 1980.

Complete specification left on 14th December, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for stain proofing of electroformed copper foils for printed circuit applications comprising polishing, degreasing and precleaning of mandrel, electro-forming of copper foils over the mandrel, separating the said foil from the mandrel, stain proofing the said foil and drying characterised in that the stain proofing of the foils is carried out by electrochemical cathodic treatment thereof in an aqueous electrolytic solution chromating bath containing an organic acid or its salt of formula R-COOH as an additive wherein R is an aliphatic or aromatic group.

Provisional specification 8 pages.

Complete specification 10 pages.

CLASS : 128H, G 154571

Int. Cl. A61m 37/00.

AN INSERTER FOR INTRODUCING AND DEPOSITING AN INTRAUTERINE DEVICE.

Applicant : RUSTOM PHIROZE SOONAWALA, OF I-10, LAJPAT NAGAR I, NEW DELHI-110024, INDIA, AN INDIAN NATIONAL.

Inventor : RUSTOM PHIROZE SOONAWALA.

Application for Patent No. 71|Del|84 filed on 24th January, 1984.

Divided out of application for Patent No. 628|Del|80 dated 28th August, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An inserter for an intrauterine contraceptive device of V or Y shape particularly comprising a guard tube having two stop or cross bars at one end, and a longitudinal slot in its periphery near the opposite end, an insertion tube adapted to be slidably fitted in the guard tube and house in said device within it, and a plunger rod adapted to be fitted within the insertion tube and push the device out when the insertion tube is withdrawn.

Complete Specn. 9 pages.

Drg. 1 sheet.

CLASS 32D, 32E 154572

Int. Cl. B 01j 11|84, C 07f 3|00, 5|00, 7|00, 9|00, 15|00.

PROCESS FOR REDUCING METAL ALKOXIDES.

Applicant : ANIC S.P.A., OF VIA M. STABILE 216, PALERMO, ITALY AND SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors : 1. ALBERTO GRECO. 2. GUGLIELMO BERTOLINI.

Application No. 245|Cal|80 filed March 3, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

1 Claim

A process for reducing an alkoxide of a transition metal chosen from Ti ($4+$), V ($5+$), Cr ($4+$), actinides and lanthanides to the corresponding alkoxide of the metal of lower valency comprising reacting the alkoxide of the aforesaid metal with vapour of a metal chosen from the alkaline earth, group III and group IV metals of the periodic table and manganese in the liquid phase in a molar atomic ratio between 1 : 1 and 50 : 1 at a temperature between -80 and $+20^\circ\text{C}$ and at a pressure between 10^{-6} mm and atmospheric pressure.

Compl. Specn.

Drg.

CLASS : 94G, 153. 154573.

Int. Cl. C 21 b 1|00.

WEAR AND ABRASION RESISTANT WALL STRUCTURE, PARTICULARLY FOR MILLS FOR GRINDING A CHARGE COMPRISING MAGNETIC MATERIAL.

Applicant : SOCARED SA, OF 1, RUE CEARD, GENEVE, SWITZERLAND.

Inventor : 1. BERTIL BRANDT.

Application No. 744|Cal|80 filed June 28, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(10 claims)

Abrasion and wear resistant wall structure which in use is subjected to abrasion by lump or particulate material comprising magnetic particles and which preferably consists of or is coated with an abrasion resistant wall material (11, 13, 24, 27, 28, 30, 35, 37, 43, 51, 57; 63; 68), characterized in that the wall structure has magnet means (21, 50) adapted to attract magnetic particles in the material and retain said particles in the form an automatically regenerating abrasion protective layer (23) to the surface of the wall structure subjected to abrasion within at least such zones of the wall structure as are normally exposed to heavier abrasion than the other zones of the wall structure.

(Compl. specn. 20 pages. Drgs. 11 sheets).

CLASS : 178, 207.

154574.

Int. Cl. B 23d 65|00; B 28 d 5|00.

A METHOD OF AND APPARATUS FOR MANUFACTURING A SAW BLADE OF A BAND SAW.

Applicant : GERSAN ESTABLISHMENT, OF STAEDTLE 36,9490 VADUZ, LIECHTENSTEIN.

Inventor : 1. ERICH JOSEPH GENTIEL BLONDEEL.

Application No. 924|Cal|80 filed August 12, 1980.

Convention date 13th August, 1979 (7928166) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(14 claims)

A method of manufacturing a saw blade for a band saw, comprising deforming a flat annulus of blade material until both edges of the annulus are of equal or substantially equal length wherein the deformation is achieved by positioning a flat annulus of blade material over two spaced rotatable members, and stressing the annulus by relatively moving the rotatable members further apart whilst rotating the rotatable members

(Comp. specn. 14 pages. Drg. 1 sheet).

CLASS : 178.

154575.

Int. Cl. B 23 d 65|00 & B 28 d 5|00.

A METHOD OF AND APPARATUS FOR SAWING GEMSTONES.

Applicant : 1. GERSAN ESTABLISHMENT, OF STAEDTLE 36, 9490 VADUZ, LIECHTENSTEIN.

Inventor : 1. ERICH JOSEPH GENTIEL BLONDEEL.

Application No. 925|Cal|80 filed August 12, 1980.

Convention date 13th August, 1979 (7928166) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(25 claims)

A method of sawing gemstones in two, comprising :

(a) supporting a saw blade of a band-saw for circulating motion, the saw blade being a band the width of which is at least three times its thickness.

(b) supporting a gemstone so as to present a surface thereof to an edge of the blade of the band-saw, and

(c) cutting the gemstone in two with the band-saw.

(Compl. specn. 12 pages. Drgs. 2 sheets).

CLASS : 33A, 145D.

154576.

Int. Cl. D 21 f 3/08.

A ROLL FOR HANDLING A WET WEB IN A PAPER MAKING MACHINE AND A METHOD FOR MANUFACTURE THEREOF.

Applicant : BELOIT CORPORATION, WISCONSIN, 53511, U.S.A., UNITED STATES OF AMERICA.

Inventor : I. CARL BERNARD DAHL.

Application No. 1173|Cal|80 filed October 15, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(6 claims)

A roll for handling a wet web in a paper making machine comprising :

a central supporting core having support bearings at the ends; and an outer annular layer surrounding the core formed of an iron having a content in the range of 15% to 35% chrome with a finished smooth outer surface wherby the surface will have a superior wetting characteristic for the release of a low wet strength paper web from the surface.

(Compl. specn. 8 pages. Drg. 1 sheet).

CLASS : 85-J.

154577.

Int. Cl. F 23 i 1/00.

ASH HANDLING SYSTEM WITH SUBMERGED SCRAPER.

Applicant : COMBUSTION ENGINEERING, INC. OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, U.S.A.

Inventors : 1. ANTHONY JAMES COZZA, 2. JOSEPH GERARD SINGER.

Application No. 1233|Cal|80 filed October 30, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(4 claims)

An ash-disposal system for ashes discharged from a coal-fired or other ash-bearing fuel-fired combustion chamber, including an ash hopper positioned beneath the combustion chamber into which the ash falls, spray nozzles for directing water jets onto the falling ash, a pair of openings in opposite walls of the ash hopper adjacent to the bottom thereof, a pair of tanks located beneath the ash hopper, each being beneath the respective ash hopper openings means for maintaining a given level of water in each tank, and conveyor means located in each tank beneath the water level for removing ash from the tanks.

(Compl. specn. 5 pages. Drg. 1 sheet).

CLASS : 182-B.

154578.

Int. Cl. C 13 k 9/00.

METHOD FOR THE CONTINUOUS SEPARATION OF FRUCTOSE FROM GLUCOSE STARTING FROM INVERT SUGAR OR FROM ISOMERIZED GLUCOSE SYRUPS.

Applicant : E. N. I. ENTE NAZIONALE IDROCARBURI, OF PIAZZALE E. MATTEI 1, ROME, ITALY.

Inventors : 1. PAOLO PANSOLLI, 2. ADRIANO MAMONE, 3. MARIO VALDISERRI.

Application No. 201|Cal|81 filed February 21, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(1 claim)

A method for separating fructose from glucose in a mixture containing both by a system of anion-exchange resin in bisulfite form to the continuous of which the lugat mixture is fed continuously from bottom to top comprising, in steady flow conditions, the following sequential steps, each composed by simultaneous stages :

(a) feeding the sugar mixture to a first anion-exchange resin; with drawing from said column a mixture enriched with fructose and sending said mixture to a next anion-exchange resin;

Discharging the impregnation mixture of a third anion-exchange resin column into a storage reservoir;

(b) feeding additional mixture to a first anion-exchange resin column;

Feeding the second resin column with the fructose-enriched mixture coming from the first column and withdrawing from the top of the second column a solution of fructose only; Eluting from the third column a glucose solution;

(c) Feeding the fructose-glucose mixture to the second anion-exchange resin, and unvaried repetition of the same operative cycle of the previous stages hereof, wherein only the sequential order of the resin columns is varied.

(Compl. specn. 11 pages. Drgs. 3 sheets).

CLASS : 32-A.

154579

Int. Cl. C 09 b 31/02.

A PROCESS FOR THE MANUFACTURE OF WATER-INSOLUBLE AXO DYESTUFF AND THEIR USE.

Applicant : CASSELLA AKTIENGESELLSCHAFT, HANAUER LANDSTRASSE 526, 6000 FRANKFURT AM MAIN 61, WEST GERMANY.

Inventors : 1. HORST TAPPE, 2. RUDOLF LOWENFELD, 3. UWE KOSUBEK, 4. MARIA KALLAY.

Application No. 221|Cal|81 filed February 28, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(2 claims)

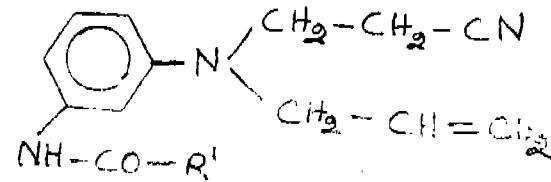
Process for the manufacture of water-insoluble azo dyestuffs of the general formula I shown in the accompanying drawings.



in which D denotes the radical of a diazo component of the benzene or heterocyclic series which is free from ionic groups and R¹ denotes methyl or ethyl, characterised on that an amine of the general formulat VI.

D-NH₂ (VI)

wherein D has the meanings indicated above, is diazotised and the product is coupled with a m-phenylenediamine derivative of the formula VII shown in the drawings.



wherein R¹ denotes methyl or ethyl.

(Compl. specn. 14 pages. Drgs. 2 sheets).

CLASS : 94-G.
Int. Cl. B 21 b 13/00.

154580.

RENEWAL FEES PAID

ROLLING MILL WITH STAND OR HOUSING.

Applicant & Inventor : CAWAS PHIROZE NAZIR OF FLAT NO. 1, 5-A, DILKUSHA STREET, CALCUTTA-700 017, WEST BENGAL, INDIA.

Application No. 245|Cal|81 filed March 7, 1981.

Complete specification filed dated 24th April, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(9 claims)

A rolling mill with stand or housing comprising in combination moving parts such as rolls which are made of steel and the stand or housing which is made of prestressed concrete sections introducing therein opposite prestressing forces to reduce elastic deformation in the structure.

(Compl. specn. 10 pages. Drgs. 2 sheets).

Provisional 2 pages.

CLASS : 39-E.

154581.

Int. Cl. C 01 b 33/28.

METHOD FOR PREPARING ALUMINIUM-SILICATE HAVING A ZEOLITE-LIKE STRUCTURE.

Applicant : SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors : 1. MARCO TARAMASSO, 2. GIOVANNI PEREGO, 3. BRUNO NOTARI.

Application No. 275|Cal|81 filed March 13, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1978) Patent Office, Calcutta.

(7 claims)

In the process for producing aluminosilicates having a porous structure, of the zeolite class, comprising essentially the step of hydrothermally treating a homogeneous aqueous mixture consisting of a source of silica, a source of alumina and alkali metal and/or alkaline earth metal ions, followed by the separation of aluminosilicate crystals, the improvement consisting in adding to said mixture an organic substance having at least one hydroxyl group in its molecule, or a substance capable of evolving hydroxylated or polyhydroxylated compounds adapted to forming zeolite cavities, the alkali metal and/or alkaline earth metal ions acting as counter-ions only, the atomic ratio of the aluminum to the alkali metal being not less than 1.

(Compl. specn. 14 pages. Drg. 1 sheet).

PATENTS SEALED

144978 145070 145100 152516 152517 152518 152520 152524
152538 152539 152540 152541

AMENDMENT PROCEEDING UNDER SECTION 57

(1)

The amendment proposed by Provesta Corporation in respect of Patent application No. 151407 as advertised in Part III, Section 2 of the Gazette of India dated the 14th April 1984, has been allowed.

(2)

The amendments proposed by METAL BOX PUBLIC LIMITED COMPANY in respect of patent application No. 151702 as advertised in Part III, Section 2 of the Gazette of India dated the 7th April, 1984 has been allowed.

123497 123580 123666 123744 124026 124180 124589 128790
128864 129014 133168 133173 133226 133239 133299 133356
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136436 136529 136564 136651 136655 137078 137114 137133
137364 137581 137713 138775 139116 139271 139365 140061
140097 140133 140285 140547 140656 140705 140854 140947
141018 141771 141804 141805 141856 142240 142405 142657
142759 142839 142840 142970 142976 143088 143203 143239
143378 143442 143528 143650 143826 143931 143947 144026
144231 144495 144722 144797 144863 144985 145083 145084
145085 145113 145162 145547 145629 145640 145744 145841
145844 146105 146385 146413 146882 146898 146899 146930
147069 147213 147273 147467 147805 147965 148059 148257
148496 148893 149418 149419 149420 149665 149666 149745
149749 149962 150136 150137 150138 150139 150140 150141
150142 150590 151023 151372 151449 151616 151643 151688
151763 151893 151992 152001 152024 152026 152027 152028
152036 152071 152079 152089

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 154672. Nandita Amin, Indian National, of Race Course Circle, Haribhakti Colony, Vadodara-390 015, Gujarat State, India. "Chair". 8th August, 1984.

Class. 1. No. 154685. Chandrakant Ghadiali, Indian National, of Atul Palace, Opp. Union Medical Hall, Sandakuva Gate, Navsari, Gujarat State, Indian. "Fan" 13th August, 1984.

Clss. 1. No. 154686. Kishco Cutlery Limited (a company incorporated under the Companies Act) at Nirmal, 3rd floor, 241 Backbay Reclamation, Nariman Point, Bombay-400 021, Maharashtra State, India. "Spoon". 13th August, 1984.

Class. 3. No. 154684. Electronic Consortium Private Limited, a company incorporated under the Companies Act of 5A/1, 2 and 3 Ansari Road, Darya Ganj, New Delhi-110 002, India. "Television Cabinet". 13th August, 1984.

Class. 2. No. 154673. Nandita Amin, Indian National, of Race Course Circle, Haribhakti Colony, Vadodara-390 015, Gujarat State, India. "Chair". 8th August, 1984.

Class. 3. No. 154538. Swastik Textile Engineers Limited, an Indian Company of Ambica Oil Mill Compound, Outside Gomtipur Gate, Ahmedabad-380 021, State of Gujarat. "Shuttle". 25th June, 1984.

Class. 3. No. 154539. Swastik Textile Engineers Limited, an Indian Company of Ambica Oil Mill Compound, Outside Gomtipur Gate, Ahmedabad-380 021, State of Gujarat. "Shuttle". 25th June, 1984.

Class. 3. No. 154824. Narendra Kumar Jain, Indian National, of 82-B, Meher Apartments, Anstey Road, Bombay-400 026, Maharashtra State, India. "Pen Stand". 13th September, 1984.

Class. 3. No. 154821. Narendra Kumar Jain, Indian National, of 82-B, Meher Apartments, Anstey Road, Bombay-400 026, Maharashtra State, India. "Letter Rack-Cum-Pen Stand". 13th September, 1984.

Class. 3. No. 154229. Kalpana Industries, a Registered Indian Partnership Firm, carrying on business at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Gardens, Bombay 400 027, Maharashtra. "Envelope Opener". 27th March, 1984.

Class. 3. No. 154232. Kalpana Industries, a Registered Indian Partnership Firm, carrying on business at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Gardens, Bombay-400 027, Maharashtra. "Cap of a Bottle". 27th March 1984.

Class. 3. No. 154233. Kalpana Industries, a Registered Indian Partnership Firm, carrying on business at 405, Byculla Industrial Estate, Sussex Road. Near

Victoria Gardens, Bombay-400 027, Maharashtra. "U-Clip". 27th March, 1984.

Class. 4. No. 154674. Nandita Amin, Indian National, of Race Course Circle, Haribhakti Colony, Vadodara-390 015, Gujarat State, India. "Chair". 8th August, 1984.

Extn. of Copyright for the Second period of five years.
Nos. 148999, 154546, 154167 Class-1.

Nos. 142196, 153319, 154485, 154486, 154487, 148859, 153637 Class-3.

Extn. of Copyright for the Third period of five years.
Nos. 154546, 154168 Class-1.

Nos. 142196, 153319, 142262, 142108, 154485, 154486, 1544487, 153637 Class-3.

R. A. ACHARYA,
Controller General of Patents,
Designs and Trade Marks.